




## *Report to the Auburn City Council*

Action Item

7  
Agenda Item No.

City Manager's Approval

**To:** Mayor and City Council Members  
**From:** Bernie Schroeder, Director of Public Works   
**Date:** June 27, 2011  
**Subject:** Groundwater Monitoring Well Destruction at the Auburn Municipal Airport

### The Issue

Shall the Council approve a final contract with JJW Geosciences, Inc. for well destruction relating to groundwater monitoring at the Auburn Municipal Airport?

### Conclusions and Recommendation

Staff recommends that the City Council, by **RESOLUTION**, authorize the Director of Public Works to execute Amendment No. 2 to the consultant contract with JJW Geosciences, Inc. for destruction of the groundwater monitoring wells at the Auburn Municipal Airport for an amount not to exceed \$12,986.

### Background

In 1999 the underground fuel storage tanks at the Auburn Municipal Airport were removed and replaced with new double walled storage tanks. The California Regional Water Quality Control Board regulations required the soil be tested and the groundwater monitored to be assured there were no harmful effects from leaking fuel to the environment. This has lead to the preparation of an approved workplan, construction of eight groundwater wells and groundwater monitoring for the last eleven years. Finally, with the assistance of Markus Niebanck of Amicus Strategic Environmental Consulting and Mark Jerback of JJW Geoscience the City has been granted permission to destroy the monitoring wells and prepare a site closure report for the Airport Underground Storage Tank site. Please refer to the attached letter from the Regional Water Quality Control Board dated June 6, 2011.

All of this work has been completed under the direction of Public Works staff by a qualified consultant, JJW Geosciences, Inc.. JJW Geosciences, Inc. was brought into the project during the tank removal stage and successfully provided the necessary professional services to the present time. They have been responsive to staff and have guided the City in compliance on a timely basis. Although, Public Works staff has previously solicited proposals for the work from other firms, we believe JJW Geosciences, Inc. is best suited to complete the site closure.

### Alternatives Available to Council; Implications of Alternatives

1. Proceed with the staff recommendation.
2. Not proceed with staff recommendation.
3. Solicit additional proposals.

**Fiscal Impact**

The City's 2011/112 Proposed Operating Budget under Airport Enterprise Fund includes \$15,000 for Groundwater Monitoring. This line item will be brought forth for City Council consideration and expenditure in next year's budget request.

**Attachments:**

Consultant Agreement

Regional Water Quality Control Board Letter Dated June 6, 2011

**AMENDMENT No. 2 TO PROFESSIONAL SERVICES AGREEMENT**  
(City of Auburn and JJW Geosciences, Inc.)

This Amendment No. 2 ("Amendment") to Professional Services Agreement ("Agreement") is made on this 27<sup>th</sup> day of June, 2011 at Auburn, California, by and between the City of Auburn, a municipal corporation, 1225 Lincoln Way, Auburn, California 95603 ("City") and JJW Geosciences, Inc., a California corporation, 11350 Monier Park Place, Rancho Cordova, CA 95742 ("Contractor").

This "Amendment" modifies the original "Agreement" between the "City" and the "Contractor" dated July 29, 2008 in the following fashion:

- A. "City" and "Contractor" desire to amend the "Agreement" by modifying section 3.1 – Scope of Services as set forth in "Consultant's" May 20, 2011 proposal to "City" attached hereto as Exhibit A-1 and incorporated herein by this reference.
- B. "City" and "Contractor" desire to amend the "Agreement" by modifying section 3.2 – Approved Fee Schedule as set forth in "Consultant's" May 20, 2011 fee schedule to "City" attached hereto as Exhibit B-1 and incorporated herein by this reference.
- C. "City" and "Contractor" desire to amend the "Agreement" by modifying section 3.4 – Expiration Date of the "Agreement" to read as follows:

3.3 "Expiration Date": January 1, 2012.
- D. "City" and "Contractor" desire to amend the "Agreement" by modifying the total compensation and costs payable to "Consultant" under this "Agreement" to a not-to-exceed sum of \$56,440.25.

Initials: (City) \_\_\_\_\_ (Contractor) \_\_\_\_\_

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**TO EFFECTUATE THIS AGREEMENT**, the parties have caused their duly authorized representatives to execute this Agreement on the dates set forth below.

**“City”**  
**City of Auburn**

By: \_\_\_\_\_  
Bernie Schroeder, Director of Public  
Works

Date: \_\_\_\_\_

**“Consultant”**  
**JJW Geosciences, Inc.**

By: \_\_\_\_\_  
Mark Jerpak, Director of Operations

Date: \_\_\_\_\_

By: \_\_\_\_\_  
[Name, Title]

Date: \_\_\_\_\_

Attest:

By: \_\_\_\_\_  
Amy Lind, City Clerk

Date: \_\_\_\_\_

Approved as to form:

By: \_\_\_\_\_  
Michael G. Colantuono, City Attorney

## **Exhibit A-1**

### **JJW Geosciences, Inc. Project Scope**

Auburn well abandonment synopsis:

JJW Geosciences, Inc. (JJW) will write and submit a short workplan to the county to abandon the eight groundwater monitor wells at the Auburn Airport aircraft fuel island site. Upon county approval, JJW will obtain drilling permits from the county, mark the site for USA, write a health and safety plan, hire a drilling company to abandon the wells. JJW will supervise the on-site well abandonment, and when finished, write a short status report to the Regional Water Quality Control Board. JJW will also upload any required documents to the state Geotracker system and arrange for any drum removal of soil generated by the well abandonment.

## Exhibit B-1

JJW Geosciences, Inc.  
**COST ESTIMATE WORKSHEET**

Auburn Airport  
Auburn, California  
Proposal No. P8022-2079  
May 20, 2011

Task	Description	Personnel/ Equipment	Unit Type	No. of Units	Cost/ Unit	15% Markup	Total
1	PERMITTING - WELL ABANDONMENT	Staff Eng/Geo	Hours	4.0	\$75.00		\$300.00
	Workplan	Sr. Eng/Geo	Hours	1.0	\$100.00		\$100.00
	Workplan	Staff Eng/Geo	Hours	1.0	\$75.00		\$75.00
	Monitor Wells	Permits	Each	8.0	\$388.00	\$465.60	\$3,569.60
	Mark site for USA	Staff Eng/Geo	Hours	3.0	\$75.00		\$225.00
	Mark site for USA	Mileage	Miles	80.0	\$0.65		\$52.00
	Health & Safety Plan	Staff Eng/Geo	Hours	3.0	\$75.00		\$225.00
Task 1 Subtotal							\$4,546.60

2	MONITOR WELL ABANDONMENT	Sr. Eng/Geo	Hours	5.0	\$100.00		\$500.00
		Mileage	Miles	80.0	\$0.65		\$52.00
		Staff Eng/Geo	Hours	13.0	\$75.00		\$975.00
		Mileage	Miles	80.0	\$0.65		\$52.00
		Drilling Contractor	Job	1.0	\$3,920.00	\$588.00	\$4,508.00
		Consumables	Each	1.0	\$25.00		\$25.00
	Post abandonment report to County	Sr. Eng/Geo	Hours	1.0	\$100.00		\$100.00
	Post abandonment report to County	Staff Eng/Geo	Hours	1.0	\$75.00		\$75.00
	Geotracker data upload	Staff Eng/Geo	Hours	1.0	\$75.00		\$75.00
Task 2 Subtotal							\$6,362.00

3	DRUM REMOVAL	Staff Eng/Geo	Hours	4.0	\$75.00		\$300.00
		Mileage	Miles	80.0	\$0.65		\$52.00
	TPH-g; TPH-d; BTEX; Lead	Soil Sample	Each	1.0	\$300.00	\$45.00	\$345.00
	Soils & Waters	Contractor	Job / 6 Drums	1.0	\$1,200.00	\$180.00	\$1,380.00
Task 3 Subtotal							\$2,077.00

**TOTAL COST** **\$12,985.60**



Linda S. Adams  
Acting Secretary for  
Environmental Protection

# California Regional Water Quality Control Board Central Valley Region

Katherine Hart, Chair

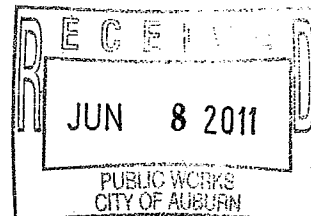
11020 Sun Center Drive #200, Rancho Cordova, California 95670-6114  
Phone (916) 464-3291 • FAX (916) 464-4645  
<http://www.waterboards.ca.gov/centralvalley>



Edmund G. Brown, Jr.  
Governor

6 June 2011

Bernie Schroeder, Manager  
City of Auburn Public Works Dept.  
1225 Lincoln Way  
Auburn, CA 95603



## **REQUEST FOR WELL DESTRUCTION, AUBURN MUNICIPAL AIRPORT, 13630 NEW AIRPORT ROAD, AUBURN, PLACER COUNTY, LUSTIS # 310366**

The Auburn Municipal Airport is an active aviation fueling facility at 13630 New Airport Road in Auburn (Site). The Site's existing fueling system consists of three 12,000-gallon aviation fuel underground storage tanks (USTs).

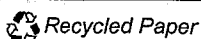
In May 1999, two 8,000-gallon aviation fuel USTs and about 600 cubic yards of petroleum impacted soil were excavated and removed from the Site. Remedial efforts have removed about 40 pounds of petroleum hydrocarbons, and residual hydrocarbons in groundwater are expected to attenuate below water quality objectives within 10 to 50 years. Select hydrocarbon constituents also remain in soil and soil vapor; however, the results of a human health risk assessment show that these hydrocarbons are unlikely to pose a threat to commercial use receptors under the current land use scenario. A commercial use exposure scenario is appropriate given the Site's current use as an active aviation fueling facility and the likelihood that an additional environmental investigation will be required if this land use changes.

Eight water supply wells exist within 2,000 feet of the Site, the closest of these wells are over 1,000 feet cross-gradient. Therefore, the remaining petroleum constituents do not justify the cost of any additional active remediation or monitoring, and staff of the California Regional Water Quality Control Board, Central Valley Region (Central Valley Water Board) concurs with the City of Auburn's recommendation for regulatory closure as a low risk site.

A 30-day public comment period regarding the potential closure of this Site was conducted, and no comments were received. To complete the closure review process, the City of Auburn shall submit a report no later than 31 August 2011 documenting:

1. The proper destruction of all wells associated with the investigation, cleanup, and monitoring of the Site's UST case. The Placer County Environmental Health Department (PCEHD) maintains jurisdictional authority for well destruction; therefore, the City of Auburn shall contact PCEHD to obtain all applicable permits and clearances required to properly destroy the Site's monitoring wells and must comply with all applicable PCEHD directives.
2. No soil and/or groundwater waste generated as a result of the investigation, cleanup, and monitoring of the Site's UST case, including well abandonment, remains onsite.

**California Environmental Protection Agency**



Electronic copies of all reports and analytical results shall be submitted over the Internet to the State Water Resources Control Board's (State Water Board's) Geographic Environmental Information Management System database (GeoTracker) at <http://geotracker.waterboards.ca.gov>. Electronic copies are due to GeoTracker concurrent with a corresponding hard copy mailed to this office. Electronic submittals shall comply with GeoTracker's electronic data format (EDF) standards and procedures as specified on the State Water Board's web site. If you fail to submit all required EDF data, you will fail to comply with staff directives, and the UST Cleanup Fund may withhold pending reimbursement requests. For a list of EDF submittal requirements, you may visit the following State Water Board web page:

[http://www.waterboards.ca.gov/water\\_issues/programs/ust/electronic\\_submittal/report\\_rqmts.shtml](http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/report_rqmts.shtml)

All reports and correspondence must be submitted for review to the PCEHD and the Central Valley Water Board.

Please submit the requested Well Destruction Report by **31 August 2011**.

If you have any questions or comments, please contact me at (916) 464-4817 or via e-mail at [psanders@waterboards.ca.gov](mailto:psanders@waterboards.ca.gov).



Paul Sanders, P.G.  
Engineering Geologist

cc: Marie McCrink, SWRCB, UST Cleanup Fund, Sacramento  
West Bourgault, Placer County Environmental Health Department, Auburn  
Marckus Niebanck, Amicus Strategic Environmental Consulting, Oakland  
Mark Jerpbak, JJW Geosciences Inc, Rancho Cordova



1 RESOLUTION NO. 11-

2 RESOLUTION AUTHORIZING AMENDMENT NO. 2 TO THE CONSULTANT  
3 AGREEMENT WITH JJW GEOSCIENCES FOR GROUNDWATER MONITORING  
4 WELLS DESTRUCTION AT THE AUBURN MUNICIPAL AIRPORT

5 -----  
6 THE CITY COUNCIL OF THE CITY OF AUBURN DOES HEREBY RESOLVE:

7 That the City Council of the City of Auburn does hereby authorize the  
8 Director of Public Works to execute Amendment No. 2 to the consultant  
9 contract with JJW Geosciences, Inc. for destruction of the groundwater  
10 monitoring wells at the Auburn Municipal Airport.

11 A true and correct copy of said Amendment No. 2 is attached hereto as Exhibit  
12 "A."  
13

14 DATED: June 27, 2011  
15

16 \_\_\_\_\_  
William W. Kirby, M.D., Mayor

17 ATTEST:

18 \_\_\_\_\_  
19 Joseph G. R. Labrie, City Clerk

20 I, Joseph G. R. Labrie, City Clerk of the City of Auburn, hereby certify  
21 that the foregoing resolution was duly passed at a regular session meeting of  
22 the City Council of the City of Auburn held on the 27th day of June 2011 by  
the following vote on roll call:

23 Ayes:

24 Noes:

25 Absent:

26 \_\_\_\_\_  
Joseph G. R. Labrie, City Clerk  
27  
28

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